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V.K. Goyal 5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Vivek K. Goyal
Case: 5
Serial No.: To Be Assigned
Filing Date: June 8, 2000
Title: Methods and Apparatus for Adaptive Signal
Processing Involving a Karhunen-Loève Basis
Group: To Be Assigned
Examiner: To Be Assigned

JC836 U.S. PTO
09/590251
06/08/00

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

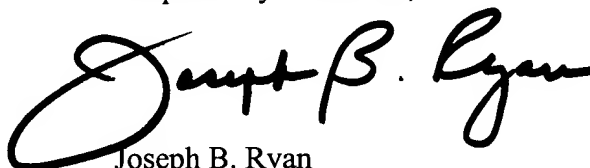
Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following documents listed on the accompanying Form PTO-1449. A copy of each listed document is enclosed.

1. P.A. Regalia, "An Adaptive Unit Norm Filter With Applications to Signal Analysis and Karhunen-Loève Transformations," IEEE Transactions on Circuits and Systems, Vol. 37, No. 5, pp. 646-649, May 1990.

2. F.J. Vanpoucke et al., "Factored Orthogonal Transformations for Recursive Eigendecomposition," IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing, Vol. 44, No. 3, pp. 253-256, March 1997.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Joseph B. Ryan". The signature is fluid and cursive, with a large initial "J" and a stylized "R".

Joseph B. Ryan
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Date: June 8, 2000
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